OPINION 1654

Fonscolombia Lichtenstein, 1877 (Insecta, Homoptera): *Fonscolombia graminis* Lichtenstein, 1877 fixed as the type species

Ruling

(1) Under the plenary powers:

(a) it is hereby ruled that the name *graminis* Lichtenstein, 1877, as published in the binomen *Fonscolombia graminis*, is to be treated as the specific name of a then new nominal species, now defined by the lectotype designated by Ben-Dov & Matile-Ferrero (1989);

(b) the following names are hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy:

(i) the generic name *Tychea* Koch, 1857;

(ii) the specific name *graminis* Koch, 1857, as published in the binomen *Tychea graminis*.

(2) The name *Fonscolombia* Lichtenstein, 1877 (gender: feminine), type species by monotypy *Fonscolombia graminis* Lichtenstein, 1877, is hereby placed on the Official List of Generic Names in Zoology.

(3) The name *graminis* Lichtenstein, 1877, as published in the binomen *Fonscolombia graminis* and as defined by the lectotype designated by Ben-Dov & Matile-Ferrero (1989) (specific name of the type species of *Fonscolombia* Lichtenstein, 1877), is hereby placed on the Official List of Specific Names in Zoology.

(4) The name *Tychea* Koch, 1857, as suppressed in (1)(b)(i) above, is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology.

(5) The name *graminis* Koch, 1857, as published in the binomen *Tychea graminis* and as suppressed in (1)(b)(ii) above, is hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology.

History of Case 2695

An application for the designation of *Fonscolombia graminis* Lichtenstein, 1877 as the type species of *Fonscolombia* Lichtenstein, 1877 was received from Drs Y. Ben-Dov (*Agricultural Research Organization, Bet Dagan, Israel*) & D. Matile-Ferrero (*Muséum National d'Histoire Naturelle, Paris, France*) on 5 December 1988. After correspondence the case was published in BZN **46**: 119–122 (June 1989). Notice of the case was sent to appropriate journals.

A comment in support from Dr E.M. Danzig (*Zoological Institute, Leningrad, U.S.S.R.*) was published in BZN **47**: 127–128 (June 1990), together with a comment and revised proposal from Dr P.K. Tubbs (Executive Secretary of the Commission).

Dr Danzig noted that the names *Fonscolombia* and *F. graminis* Lichtenstein, 1877 first appeared (before 11 July) in the *Entomologist's Monthly Magazine* (**14**: 35; reference 'Lichtenstein, 1877b' in the application) and, in addition to the proposals on BZN **46**: 120–121, she proposed the suppression of the unused senior [once supposed] synonym *Tychea graminis* Koch, 1857, to remove any possible confusion with *F. graminis* Lichtenstein. Dr Danzig pointed out that in August 1877 Lichtenstein stated (in a reference not cited in the application) that his *graminis* was not the same taxon as *radicumgraminis* Fonscolombe, 1834.

A further comment in support from Dr D.J. Williams (*The Natural History Museum, London, U.K.*) noted: 'I have studied the case in great detail and wish to add my support to the authors' application. The case has been thoroughly investigated and the proposals offer the best solution. I feel sure most coccidologists will also agree'.

Decision of the Commission

On 6 March 1991 the members of the Commission were invited to vote on the proposals on BZN **46**: 120–121 with the additions and amendment on BZN **47**: 128. At the close of the voting period on 6 June 1991 the votes were as follows:

Affirmative votes — 28: Bayer, Bock, Cocks, Cogger, Corliss, Dupuis, Hahn, Halvorsen, Heppell, Holthuis, Kabata, Kraus, Lehtinen, Macpherson, Mahnert, Martins de Souza, Minelli, Mroczkowski, Nielsen, Nye, Ride, Savage, Schuster, Starobogatov, Thompson, Trjapitzin, Uéno, Willink

Negative votes — none.

Heppell suggested that adoption of the revised proposal on BZN **47**: 128 that *graminis* Lichtenstein, 1877 is to be treated as the name of a then new nominal taxon left *Coccus radicumgraminis* Fonscolombe, 1834 as a second nominal species originally included (although by misidentification) in *Fonscolombia*, which was therefore not monotypic. However, at no time did Lichtenstein include more than one species, which he called *graminis*, in his new genus.

Original references

The following are the original references to the names placed on Official Lists and Official Indexes by the ruling given in the present Opinion:

Fonscolombia Lichtenstein, 1877, *Entomologist's Monthly Magazine*, **14**:35.
graminis, *Fonscolombia*, Lichtenstein, 1877, *Entomologist's Monthly Magazine*, **14**:35.
graminis, *Fonscolombia*, Koch, 1857, *Die Pflanzenläuse*, *Aphiden* (1854–1857), p. 298.
Tychea Koch, 1857, *Die Pflanzenläuse*, *Aphiden* (1854–1857), p. 296.

The following is the reference for the designation of the lectotype of *Fonscolombia graminis* Lichtenstein, 1877:

Ben-Dov, Y. & Matile-Ferrero, D. 1989. *Systematic Entomology*, **14**(2): 168.